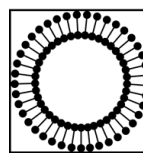
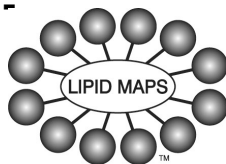


1-heptadecanoyl-2-(9Z-tetradecenoyl)-sn-glycero-3-phosphocholine

17:0-14:1 PC

LIPIDMAPS™ Compound ID: LMGP01010008

**Avanti**[®]
POLAR LIPIDS, INC.

Molecular Weight: 717.996

Exact Mass: 717.531

Molecular Formula: C₃₉H₇₆NO₈P

Storage: -20° C (Freezer)

Manufacture Date: June 4, 2018

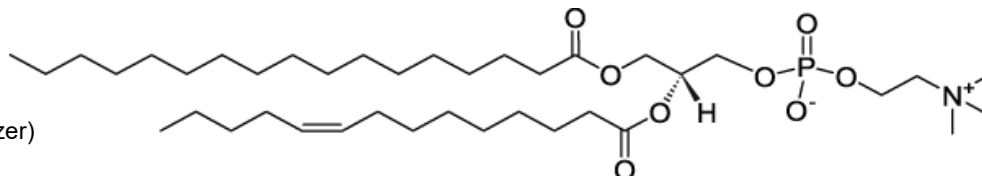
Expiration Date: One year from date of receipt

Physical Form: Methanol Solution (1ml per vial)

Concentration: 9.36 µg/ml (13.04 µM)

Lot Number: LM1004-LM17-054A

MLOT: 6408WAA054

**Product Specifications**

Test	Limits	Result
Mass Spec	Consistent with Structure, [M+H] ⁺ = 718.53 ± 1amu	Pass
Quantitative LC/MS	Run and Report	9.36 µg/ml 13.04 µM
HPLC/ELSD	NLT 99% Purity (AUC)	99.8% AUC
GC-FAME	NLT 99% Purity (AUC) (14:1+17:0)	99.3% AUC
Phosphorus NMR	Consistent with Structure	Pass
Proton NMR	Consistent with Structure	Pass
TLC Analysis (Mobile Phase 65:25:4 Chloroform:Methanol:Water)	R _f consistent with structure, NLT 99% Purity	Pass
Ninhydrin	Negative	Negative
Iodine	One Major Spot	One Spot
Phosphorus	Positive	Positive
Char	Positive	Positive
Wet Dip	One Major Spot	One Spot

For Research Use Only. Not For Human Use.

Approved by:

Avanti Polar Lipids, Inc. 700 Industrial Park Drive, Alabaster, AL 35007-9105, USA

• (800) 227-0651 • (205) 663-2494 • Fax (800) 229-1004 • (205) 663-0756

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